

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard, 29 CFR 1910.1200

IDENTITY

PAKMIX Cement Fortifier

N.F.P.A. & H.M.I.S. RATING

HAZARD INDEX

4 – Severe
3 – Serious
2 – Moderate
1 – Slight
0 – Minimal

HAZARD CLASS

Flammability
0
Health
1
Reactivity
0
Special Note
-

SECTION I - MANUFACTURER

US Mix Products Company
112 South Santa Fe Drive
Denver, CO 80223

Emergency Contact
CHEMTREC 800-424-9300
Information Contact
US Mix 303-778-7227

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| | CAS # | OSHA PEL | ACGIH TLV | OTHER LIMITS | PERCENT |
|-----------------|-------------|----------|-----------|--------------|---------|
| Water | 7732-18-5 | NA | NA | NA | 70-80 |
| Acrylic Polymer | Proprietary | NA | NA | NA | 20-30 |

None of the remaining components of the mixture are considered Hazardous Material or carcinogens (1910.1200 Hazard Communication (d)(4). Identity withheld as a trade secret.

SECTION III - PHYSICAL CHEMICAL CHARACTERISTICS

Appearance: Milky White
Boiling Point: 212 °F (100 °C)
Vapor Pressure (mm Hg): 17@ 68 °F Water
Vapor Density (Air – 1): <1 Water
Specific Gravity (H₂O–1): 1
pH: NA
Odor: Mild
Freezing / Melting Point: 32 °F (0 °C)
Evaporation (Butyl Acetate – 1): <1
Water Solubility: Soluble
Other Solubilities: None Known
VOC Content: 0 g/L

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag Closed Cup): Non-Flammable
Flammable Limits
LEL: NA
UEL: NA
Extinguishing Media: NA
Special Fire Fighting Procedures: NA
Unusual Fire and Explosion Hazards: NA

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Protect from freezing.

Incompatibility (Materials to Avoid): NA

Hazardous Decomposition (Byproducts): NA

Hazardous Polymerization: Will not occur.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY

Inhalation? Yes

Skin? Yes

Ingestion? Yes

Eyes? Yes

HEALTH HAZARDS (ACUTE AND CHRONIC)

Inhalation: Breathing mist can cause irritation of nasal and respiratory passages.

Skin Contact: May cause irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Eye Contact: May cause irritation, redness, tearing and blurred vision.

Carcinogenicity:

NTP? No

IARC Monographs? No

OSHA Regulated? No

SIGNS AND SYMPTOMS OF EXPOSURE

Eye or skin irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None Known

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. If cough, irritation, difficulty in breathing persist or develop, call a physician.

Skin Contact: Wash thoroughly with soap and water. If irritation persists call a physician.

Ingestion: Administer milk or water. DO NOT induce vomiting. Call a physician or Poison Control Center immediately. DO NOT give anything orally to an unconscious person.

Eye Contact: Do not rub eyes. Flush with water for 15 minutes. Call a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in Case Material is Released or Spilled: Contain with earthen dike if necessary. Contain spill with inert absorbent.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

Precautions to be taken in Handling and Storage: Use only in well ventilated area. Protect from freezing.

Other Precautions: Avoid body contact and splashing.

DOT Transportation Data (49 CFR 172.101):

| | |
|-----------------------------------|----------------------------------|
| Shipping Name: | Not a Regulated Material |
| Hazard Class: | Non-Hazardous |
| ID No.: | NA |
| Packing Group: | NA |
| Label: | NA |
| Limited Quantity Exceptions: | NA |
| US Domestic Ground Shipments: | NA |
| Placards: | NA |
| National Motor Freight NMF-100-0: | Concrete Surface Curing Compound |
| | Item: 33980 |
| | Class: 55 |

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Organic vapor cartridge or NIOSH approved supplied air respirators according to OSHA regulation 29 CFR 1910.134.

Ventilation: Fan or forced air exhaust. If ventilation is inadequate use respiratory protection.

Protective Gloves: Neoprene or equivalent gloves according to OSHA regulation 29 CFR 1910.138.

Eye Protection: Chemical splash goggles or face shield according to OSHA regulation 29 CFR 1910.133.

Other Protective Clothing or Equipment: PVC or equivalent chemically resistant apron. Safety showers, eye wash stations and washing facilities should be available.

Work/Hygienic Practices: Wash thoroughly with soap and water before eating, smoking or using washroom. Remove and wash contaminated clothing before re-use. Use only in well-ventilated areas unless recommended respiratory protection is used. Keep body contact and splash to a minimum.

Comments: This Material Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in this datasheet, which we received from sources outside our company. We believe that information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of this product in a manner that might infringe existing patents. No warranty is made, either express or implied.

Revision Date 06/03